

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Masayuki ARAKAWA, et al.**

Application No. 10/822,045

Filed: April 9, 2004

Art Unit: 2861

Examiner: Unknown

Atty. Docket No.: 501646.20005

Customer No.: 026148

**INK-JET HEAD**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22313

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. Enclosed is Form PTO-1449 which lists the references being cited along with a copy of each of the references.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this paper (along with any document referred to as being attached or enclosed) is being

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Ruth Montalvo

Type Signature Name

(Signature of person mailing paper or fee)

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The references may be deemed to be pertinent to the above-identified application and are being made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider each of the items and to independently ascertain their teaching.

1. ☒ Enclosed is PTO Form 1449 (and a duplicate thereof).
2. ☒ Items listed on the enclosed Form PTO-1449 are not in the English language.

- ☒ For each of the following items, an English-language translation of that item or a portion thereof or a concise explanation of the relevance of that item is attached:

Japanese Patent No. JP 7314705;  
Japanese Patent No. JP 7117239;  
Japanese Patent No. JP 2003-001847; and  
Japanese Patent No. JP 62-257857.

- ☐ For each of the following items, a concise explanation of that item is incorporated in the specification of the above-identified application:

- ☐ For each of the following items, a corresponding U.S. or other English-language patent is enclosed. Please consider the U.S. or other English-language patents in accordance with the procedure set forth in MPEP § 609:

3. ☐ Submission in Accordance with 37 CFR § 1.98(d).

Any copy of the items listed on the enclosed Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in Application Serial No. [Ser. No.], filed [Date], of which the present application relies upon for an earlier filing date under 35 U.S.C. 120.

4. ☒ Submission in Accordance with 37 CFR § 1.97(b).

This Information Disclosure Statement is being filed

- ☐ With the application;
- ☐ Within three months of the filing date of a national application;

- ☐ Within three months of the date of entry of the national stage in an international application; or
- ☒ Before the mailing date of a first Office Action on the merits,

and NO FEE is due for consideration of this Information Disclosure Statement.

5. ☐ **Submission in Accordance with 37 CFR 1.97(c).**

This Information Disclosure Statement is being filed before the first mailing date of either

- ☐ A final action under § 1.113; or
- ☐ A notice of allowance under § 1.311.
- ☐ A fee is due for consideration of this Information Disclosure Statement and the fee is paid below; or
- ☐ This Information Disclosure Statement is accompanied by one of the certifications pursuant to 37 CFR § 1.97(e), and NO FEE is due for consideration of this Information Disclosure Statement.

6. ☐ **Submission in Accordance with 37 CFR 1.97(d).**

This Information Disclosure Statement is being filed after the mailing date of either

- ☐ A final action under § 1.113; or
- ☐ A notice of allowance under § 1.311,

whichever comes first, but before payment of the issue fee, and is accompanied by

- a. One of the certifications pursuant to 37 CFR § 1.97(e), which is set forth below;
- b. The attached petition requesting consideration of this Information Disclosure Statement; and
- c. The petition fee under 37 CFR § 1.17(i)(1), which is paid below.

7. **Certification Pursuant to 37 CFR 1.97(e).**

- ☐ The undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application

not more than three months prior to the filing of this Information Disclosure Statement; or

- ☐ The undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

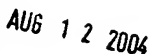
8. Fee Payment Being Made.

- ☐ Enclosed
- ☐ \$240.00 fee for submission under 37 CFR § 1.97(c).
- ☐ \$130.00 fee for submission under 37 CFR § 1.97(d).
- ☐ A check in the amount of \$[Amount] to cover the fee payment is enclosed.
- ☐ Charge the fee to Deposit Account No. 50-1529. A duplicate copy of this communication is attached.
- ☒ The Director is hereby authorized to charge payment of any additional fees associated with this Information Disclosure Statement or credit any overpayment to Deposit Account No. 50-1529. A duplicate copy of this communication is enclosed.

Respectfully submitted,

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Attorney for Applicants



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paper  
control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Attorney Docket Number

501646 20005

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup>	-Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP	7314705	12/05/1995	HIROZAWA, et al.		✓
		JP	7117239	05/09/1995	SAIKAWA		✓
		JP	2003-1847	01/08/2003	SHIMIZU		✓
		JP	62-257857	11/10/1987	NAKA		✓
		EP	0 683 050 A2	11/22/1995	HIROZAWA, et al		✓
		EP	0 645 244 A1	03/29/1995	SAIKAWA		✓

Examiner  
Signature

Date \_\_\_\_\_

**Considered**

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP

901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the

English language Translation is attached.

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PTO/SB/08A (10-01)  
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/822,045
				Filing Date	April 9, 2004
				First Named Inventor	Masayuki ARAKAWA
				Art Unit	2861
				Examiner Name	Unknown
				Attorney Docket Number	501646.20005
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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